Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/982,587      | FUJII ET AL. |
| Examiner        | Art Unit     |

√ Rejected
= Allowed

- (Through numeral)
Cancelled

Restricted

Non-Elected
I Interference

Mark Ruthkosky

A Appeal
O Objected

1745

| Claim Date |          |           |          |          |          | 7.4   | С        | aim                     | l —-   | Date         |          |             |          |                  |  | 1=!==             |          |  |          |             | _          |             |                     |              |                     |      |
|------------|----------|-----------|----------|----------|----------|---|----------|-------------------------|--|--------------|----------|-------------|----------|------------------|--|-------------------|----------|--|----------|-------------|------------|-------------|---------------------|--------------|---------------------|------|
|            |          |           |          | Г        |          | T   | Ť        | Т                       | Т  | Т            |          | <del></del> | T''      | $\vdash$         | ГТ   | Tall              | -        | $\neg \neg$                                      | $\dashv$ | <u> </u>    | laim       | <del></del> |                     | т            | Date                | _    |
| Final      | Original | 8/23/04   |          |          |          | ]   |          |                         |  |              |          | Final       | Original |                  |  |                   |          |  |          | Final       | Original   |             |                     | j            |                     |      |
| -          | 1        | 1         | -        |          |          | <del> </del>  | -        | H                       | ╁  | +            | -        |             | 51       |                  |  | -                 | <u></u>  | ++   | _        | <u> </u>    |            | 1           | $\perp$             | _            | $\sqcup$            |      |
|            | 2        | 1         |          | -        | _        |   |          | <del> </del>            | <del> </del>                                     | +-           | -        |             | 52       | -                |  | 1                 |          | -  | -        | <u> </u>    | 101        |             | - -                 | ļ.,          | 1-1                 | _    |
|            | 3        |           |          |          |          | 1   | İ        | $\vdash$                | +  | t            |          |             | 53       |                  |  | $\pm 1$           |          | ++   | -13      |             | 103        |             |                     | -            | ╁                   | _    |
|            | 4        | T         |          |          |          |   |          | 1                       | 1  | †            |          | _           | 54       |                  | H  | 17                |          | +  | -        | -           | 103        | -           |                     | ╁            | $\vdash$            | -    |
|            | 5        | Н         |          |          |          |   |          |                         | T  | 1            | 1        |             | 55       |                  |  | 1                 | +        | ++   | -15      |             | 105        |             |                     | ├            | $\vdash$            | _    |
| L          | 6        |           |          |          |          |   |          |                         |  | 1            |          |             | 56       |                  |  | $\top$            | +        | ++   | 77       |             | 106        | $\dashv$    | +                   | $\vdash$     | $\vdash$            | -    |
|            | 7        | $\perp$   |          |          |          |   |          |                         |  |              |          |             | 57       |                  |  |                   | $\top$   | $\top \top$                                      | 7        |             | 107        | +-          | +-                  |              | $\vdash$            | _    |
| -          | 8        | 4         |          |          |          | _   |          |                         | L  | L            | ]        |             | 58       |                  |  |                   |          | $\top$   |          |             | 108        | _           | † · -               | $\vdash$     | $\Box$              | _    |
|            | 9        | Ш         | _        |          |          | Ш   |          | <u> </u>                | <u> </u>   | <u> </u>     | 4        | L           | 59       |                  |  |                   |          |  |          |             | 109        |             | 1                   | -            |                     | _    |
| -          | 10       | Н         |          |          |          |   |          | _                       | ↓_   | <b> </b> _   | 1        |             | 60       | 4                |  | $\square$         |          |  | J        |             | 110        |             |                     |              |                     | _    |
| $\vdash$   | 11<br>12 | +         |          |          | _        | ļ.,   | _        | <u> </u>                | ↓_   | ╄            | 45       |             | 61       | $ \square$       |  | $\perp$           | _ _      | $\perp$  |          |             | 111        |             |                     |              |                     | Т    |
| $\vdash$   | 13       | +         | $\dashv$ | $\dashv$ |          | H   |          | ļ_                      | -  | ↓_           | 1        |             | 62       | _ _              |  | 4                 |          | 44   |          |             | 112        |             |                     |              |                     |      |
| $\vdash$   | 14       | H         |          |          |          | Н   |          |                         | <del> </del>                                     | <b>├</b>     |          |             | 63       |                  |  | $\perp$           |          |  | 4        | <u>L</u> _  | 113        |             |                     |              |                     |      |
|            | 15       | H         | $\dashv$ | $\dashv$ | -        | -   |          |                         | ┼-   | ╀            | 1.       |             | 64       | $\dashv$         |  | + $+$             | - -      | ₩.   | 42.5     | <u></u>     | 114        | _           | $\perp$             | _            |                     |      |
|            | 16       | H         | -        | $\dashv$ | -        | $\vdash$  |          | -                       | ⊢  | ┢            | 4        |             | 65<br>66 |                  |  | +                 |          | ++   | 4        |             | 115        |             | $\perp$             |              |                     |      |
|            | 17       | $\vdash$  | -+       | -        | 1        |   | $\dashv$ | ├—                      | H  | <del> </del> |          | _           | 67       | $\dashv$         | -  | ++                | -        | +  | -        |             | 116        |             | 1                   | _            |                     |      |
|            | 18       | П         | -+       | 寸        |          |   | $\neg$   | -                       | <del>                                     </del> | ╁─           | 1        |             | 68       | -                |  | ╁┼                | +        | ++   | -        |             | 117        | -           | <b> </b>            |              | $\vdash \downarrow$ |      |
|            | 19       | $\dagger$ | 7        | -+       |          |   | -        |                         | 1  | <del> </del> | 1        | _           | 69       | $\dashv$         |  | +-+               | -        | + $+$  | -        |             | 118        |             | + $+$               |              | -+                  | _    |
|            | 20       | *         |          | 寸        | $\neg$   | $\dashv$  | $\neg$   | -                       | t  |              | ti.      |             | 70       | $\dashv$         | +  | ╁┼                | +        | +  | -        | ļ           | 119<br>120 |             | +                   | _            | -+                  | _    |
|            | 21       | 1         | $\neg$   | 丁        | $\neg$   |   |          | -                       | Т  | t            |          | -           | 71       |                  | +  | +                 | +-       | ++   |          | <u> </u>    | 121        |             | +                   | -            |                     |      |
|            | 22       |           | T        | T        | コ        | $\neg$  |          |                         | -  | $\vdash$     | 144      |             | 72       | +                | +  | +                 |          | +-   | -        | <u> </u>    | 122        | +           | +                   | $\dashv$     |                     | _    |
|            | 23       | $\Box$    |          |          | T        | $\neg$  | $\neg$   |                         |  | _            | 1.33     |             | 73       | $\dashv$         | +-   | 11                |          | +  |          | <del></del> | 123        | -           | ╁┤                  |              | -+                  | _    |
|            | 24       |           |          | $\Box$   | Ī        |   |          |                         |  |              |          |             | 74       | 77               | $\neg \vdash$  | ++                | +-       | ++   | T:       |             | 124        | +           | ╁                   | -1           |                     | _    |
|            | 25       |           |          |          |          |   |          |                         | Г  |              |          |             | 75       |                  | $\top$   | T                 |          | <del>      -</del>                               |          |             | 125        | +-          | ++                  |              |                     | _    |
|            | 26       |           |          |          | $\prod$  |   |          |                         |  |              |          |             | 76       |                  |  | 11                | _        | 1 -  |          |             | 126        | +           | 1-1                 | $\dashv$     |                     | _    |
|            | 27       |           | $\perp$  | _        | $\perp$  |   |          |                         |  |              |          |             | 77       | П                |  | $\dagger \dagger$ | $\top$   | $\top$   |          |             | 127        |             | +                   |              | $\dashv$            | _    |
|            | 28       | $\dashv$  | 4        | _        | _        |   | _        |                         |  |              |          |             | 78       |                  |  |                   |          |  | 750      |             | 128        | +-          | $\vdash$            | -            | -                   | _    |
| -          | 29       | _         | $\dashv$ | _        | _        | $\perp$   |          |                         |  |              |          |             | 79       |                  |  |                   |          |  |          |             | 129        | $\top$      | $\Box$              | _            | _                   | _    |
|            | 30       | -4        | _        | +        | 4        | 4   | 4        | _                       |  |              | ž÷,      | _           | 80       |                  |  |                   |          |  |          |             | 130        |             | İΠ                  | T            |                     | **** |
|            | 31       | +         | +        |          | 4        | 4   | $\dashv$ |                         |  |              |          | _           | 81       | _ _              | _  |                   |          |  |          |             | 131        |             | $\Box$              |              | $\neg$              | _    |
| -+         | 33       | -         | +        | +        | $\dashv$ | 4   |          |                         | -  |              |          |             | 82       |                  | _ļ_  | $\sqcup$          |          |  |          |             | 132        |             |                     |              |                     | Ī    |
|            | 34       | -+        | +        | -+       | $\dashv$ | $\dashv$  | -+       | -                       |  |              |          |             | 83       | +                | _ _  | Щ.                | _        | 1  | 488      |             | 133        |             |                     | $\Box$       |                     |      |
|            | 35       | +         | ┽        | +        | +        |   | $\dashv$ | $\dashv$                |  |              | <b> </b> |             | 84       |                  | -  | $\vdash$ $\vdash$ | +-       | $\sqcup \sqcup$                                  |          |             | 134        |             |                     |              |                     |      |
|            | 36       | $\dashv$  | +        | +        | +        | +   |          | $\dashv$                | $\dashv$   |              |          |             | 85       | ++               |  | -                 | _        | ┼  |          |             | 135        |             | $\perp \downarrow$  | _            |                     |      |
|            | 37       | +         | +        | +        | ╁        | $\dashv$  | +        |                         | $\dashv$   | -            |          |             | 86<br>87 |                  | +  | $\vdash \vdash$   |          | <b>├</b> -                                       |          |             | 136        | 4_          | $\sqcup$            | $\dashv$     |                     | _    |
|            | 38       | +         | -        | $\dashv$ | +        | +   | $\dashv$ | $\dashv$                |  |              |          |             | 88       | ++               |  | $\vdash$          | _        | <del>                                     </del> | 4        |             | 137        | _           | $\sqcup \downarrow$ | $\perp$      |                     |      |
|            | 39       | +         |          | +        | +        |   | +        | $\dashv$                |  | -            |          | $\dashv$    | 89       |                  | +  |                   | +        | ₩.   |          |             | 138        | 4.          | $\sqcup \downarrow$ | _            |                     | _    |
|            | 40       | 7         | +        | +        | +        | $\dashv$  | $\dashv$ | 7                       | 1  | ㅓ            | 1        | -+          | 90       | ++               | +  | $\vdash$          | +        |  | -        |             | 139        | -           | $\vdash \vdash$     | -            |                     | _    |
|            | 41       | 1         | $\dashv$ | $\top$   | +        | $\dashv$  | +        | -+                      | 7  |              | 1        | -+          | 91       | ++               | -  | ├-                | +        |  |          | _           | 140<br>141 | +           | $\vdash \downarrow$ | $\downarrow$ |                     | 4    |
|            | 42       |           |          | ┰        | $\top$   | _   | 1        | $\dashv$                | 7  |              | 1        | 一十          | 92       | ++               | _  | +                 | +-       |  |          |             | 141        | -           | $\vdash$            | $\dashv$     | +                   | 4    |
|            | 43       |           |          |          | ╛        |   | $\Box$   | $\exists$               |  |              | -        | $\neg \neg$ | 93       | <del>     </del> | +-   | $\vdash$          | $\dashv$ | <del>                                     </del> |          |             | 143        | +           | $\vdash$            | -            | +                   | 4    |
|            | 44       | $\perp$   |          |          | Ι        | $oxed{oxed}$  | $\Box$   |                         |  |              | [        | 二十          | 94       | $\top$           |  |                   | +        | † †  |          | -+          | 144        | +           | $\vdash$            | +            | +                   | 4    |
|            | 45       | $\perp$   |          | $\perp$  | I        |   | I        | $oxed{oxed}$            |  |              |          |             | 95       | ++               | $\top$   |                   | 1        | -  | 1 1      | $\dashv$    | 145        | +           | +                   | ╁            | +                   | +    |
|            | 46       | $\perp$   | $\perp$  | $\Box$   |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\perp$  | $oldsymbol{\mathbb{I}}$ |  |              |          |             | 96       | 1                |  |                   | +        | 1  | 1 1      | $\dashv$    | 146        | _           | $\dashv$            | +            | +                   | +    |
|            | 47       | $\perp$   |          |          | $\perp$  | $\perp$   | $\perp$  |                         | $\perp$  |              |          |             | 97       | $\prod$          |  |                   | 1        |  |          | $\dashv$    | 147        | $\top$      | $\dashv$            | 十            | +                   | +    |
| _+         | 48       | _         | 4        | $\perp$  | 1        | $\perp$   | _        | 1                       | $\perp$  | _            | I        |             | 98       | $\Box$           | $oldsymbol{ol}}}}}}}}}}}}} $ |                   |          |  |          | $-\dagger$  | 148        | 11          | +                   | +            | $\top$              | +    |
|            | 49       | _         | -        | 4        | $\bot$   | $\perp$   | $\perp$  | _                       | _  | _            | 1        |             | 99       | $\perp \perp$    |  |                   | I        |  |          | $\neg$      | 149        | $\top$      |                     | +            | $\top$              | †    |
|            | 50       | L_        | _1_      | Ĺ        |          |   |          | $\perp$                 | _L   | $\Box$       | L        |             | 100      | $\perp \perp$    |  | $\Box$            |          |  |          |             | 150        |             | $\neg$              | 十            | $\top$              | †    |